

REMARKS:

Claims 1-50 were originally filed. In the September 18, 2007 amendment, the Group I invention was elected, and claims 14-19, 28, 29, and 33-35 were canceled. In this amendment, claims 1, 2, 38, and 39 are further canceled. Accordingly, upon entry of this amendment, claims 3, 4, 40, and 41 will be pending.

Applicants respectfully submit that Applicants reserve the right to file divisional applications drawn to the canceled claims at a later time.

Claim Rejection Under 35 U.S.C. § 102

Claim 1 stands rejected under 35 U.S.C. § 102(b) as being anticipated by Saadali *et al.* (2001, Phytochemistry, 58, 1083-1086) (*See*, Office Action, page 2).

Claims 1 and 2 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Galopin *et al.* (WO 2004/011415) (*See*, Office Action, page 2).

Claims 1, 2, 38, and 39 stand rejected under 35 U.S.C. § 102(e) as being anticipated by Nakatsu *et al.* (US 6780443) (*See*, Office Action, page 3).

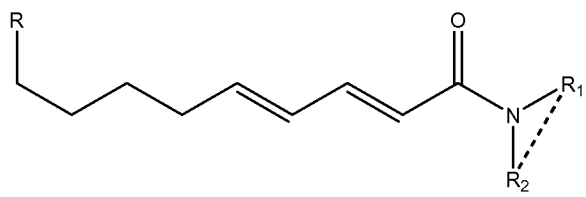
To advance the prosecution, Applicants cancel claims 1, 2, 38, and 39 while reserve the right to file these canceled claims in a divisional application at a later time. Accordingly, these 35 U.S.C. § 102 rejections are considered to be moot.

Claim Rejection Under 35 U.S.C. § 103

Claims 1-4 and 38-41 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Nakatsu *et al.* (US 6780443) (*See*, Office Action, page 4, lines 1-2). Examiner alleges that Nakatsu *et al.* teach from about 0.001% by weight to about 10% by weight of a tingling sensate substance of spiranthol, Saanshool-I, Saanshool-II, and Sanshoamide, black pepper extract, which intrinsically contain alkadienamides of N-isobutyl-E2,E4, decadienamide, N-isobutyl-E2,E4, undecadienamide, N-pyrrolidyl-E2,E4, decadienamide, N-piperidyl-E2,E4, decadienamide (*See*, Office Action, page 4, lines 3-9). Applicants respectfully disagree.

As admitted by the Examiner, Nakatsu *et al.* teach a tingling sensate substance of spiranthol, Saanshool-I, Saanshool-II, Sanshoamide, and black pepper extract (*See*, Office Action, page 4, lines 3-9).

However, none of the tingling sensate substances taught by Nakatsu *et al.* (i.e., spiranthol, Saanshool-I, Saanshool-II, and Sanshoamide) contains the structure of



wherein R represents C₁ – C₂ n-alkyl; R₁ is 2-methyl-1-propyl and R₂ is hydrogen, or R₁ and R₂ taken together is – (CH₂)_n –, wherein n is 4 or 5, which is the unique core structure shared by the compounds of the claimed invention (i.e., N-isobutyl-E2, E4-decadienamide, N-isobutyl-E2, E4-undecadienamide, N-pyrrolidyl-E2, E4-decadienamide, and N-piperidyl-E2, E4-decadienamide) (*See*, Specification, page 3).

Further, with respect to the Examiner's allegation that black pepper extract intrinsically contains the claimed alkadienamides, Applicants respectfully submit one skilled in the art would recognize that black pepper (*Piper nigrum*) is a plant distinct from *Piper longum* Linn or *Piper peepuloides*, which are the natural sources for the claimed alkadienamides (*See*, Specification). A mere disclosure of black pepper (*Piper nigrum*) extract does not constitute teaching or suggestion of the extracts from other plants. In fact, Nakatsu *et al.* explicitly state Chavicine and Piperine as the active ingredients of black pepper (*See*, Nakatsu *et al.*, col. 3, lines 9-11). Applicants submit that one skilled in the art would recognize that neither Chavicine nor Piperine contains the core structure of the claimed alkadienamides as defined above.

Thus, Nakatsu *et al.* neither teach nor suggest the claimed compounds of N-isobutyl-E2, E4-decadienamide, N-isobutyl-E2, E4-undecadienamide, N-pyrrolidyl-E2, E4-decadienamide, and N-piperidyl-E2, E4-decadienamide. Applicants respectfully submit that the claimed

invention is novel and patentable in view of Nakatsu *et al.* For at least these reasons, Applicants respectfully request that the 35 U.S.C. § 103 rejection be withdrawn.

CONCLUSION

In view of the foregoing, Applicants respectfully request reconsideration, withdrawal of rejections, and allowance of all claims now present in the application.

The Commissioner is authorized to charge any required fees, including any extension and/or excess claim fees, any additional fees, or credit any overpayment to International Flavors & Fragrances Inc. Deposit Account No. 12-1295.

Respectfully submitted,



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